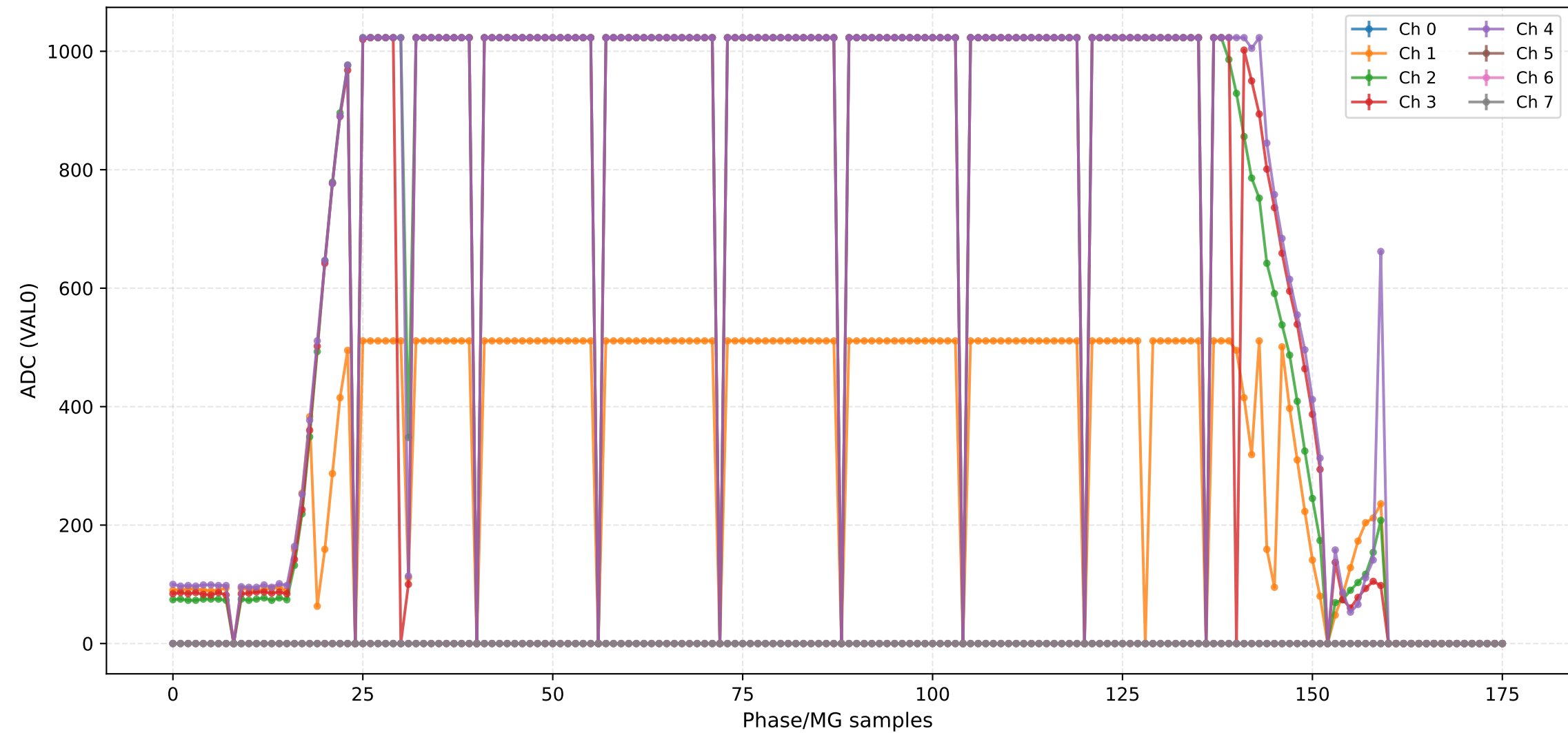


## ADC (VAL0) - Channels 0 to 7



## ADC (VAL0) - Channels 8 to 15



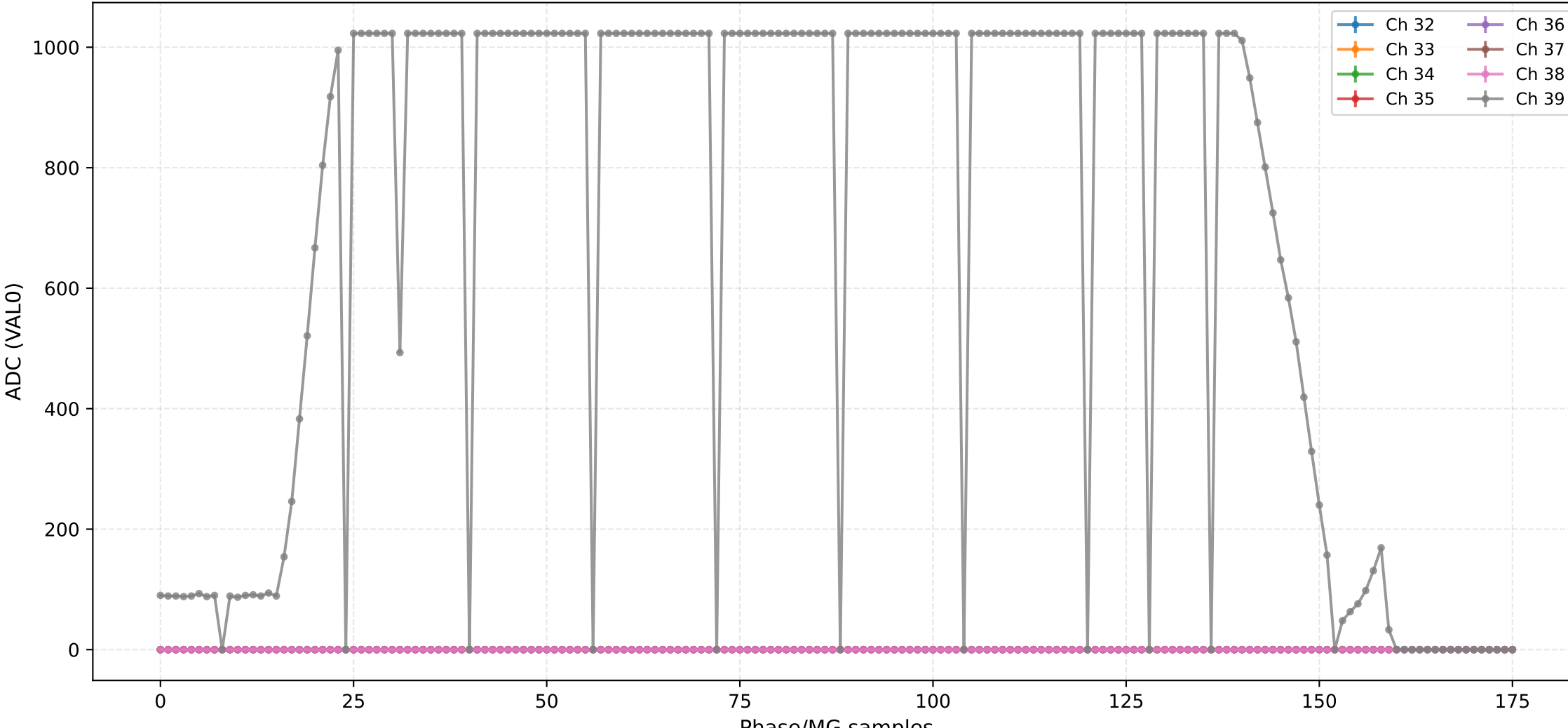
### ADC (VAL0) - Channels 16 to 23



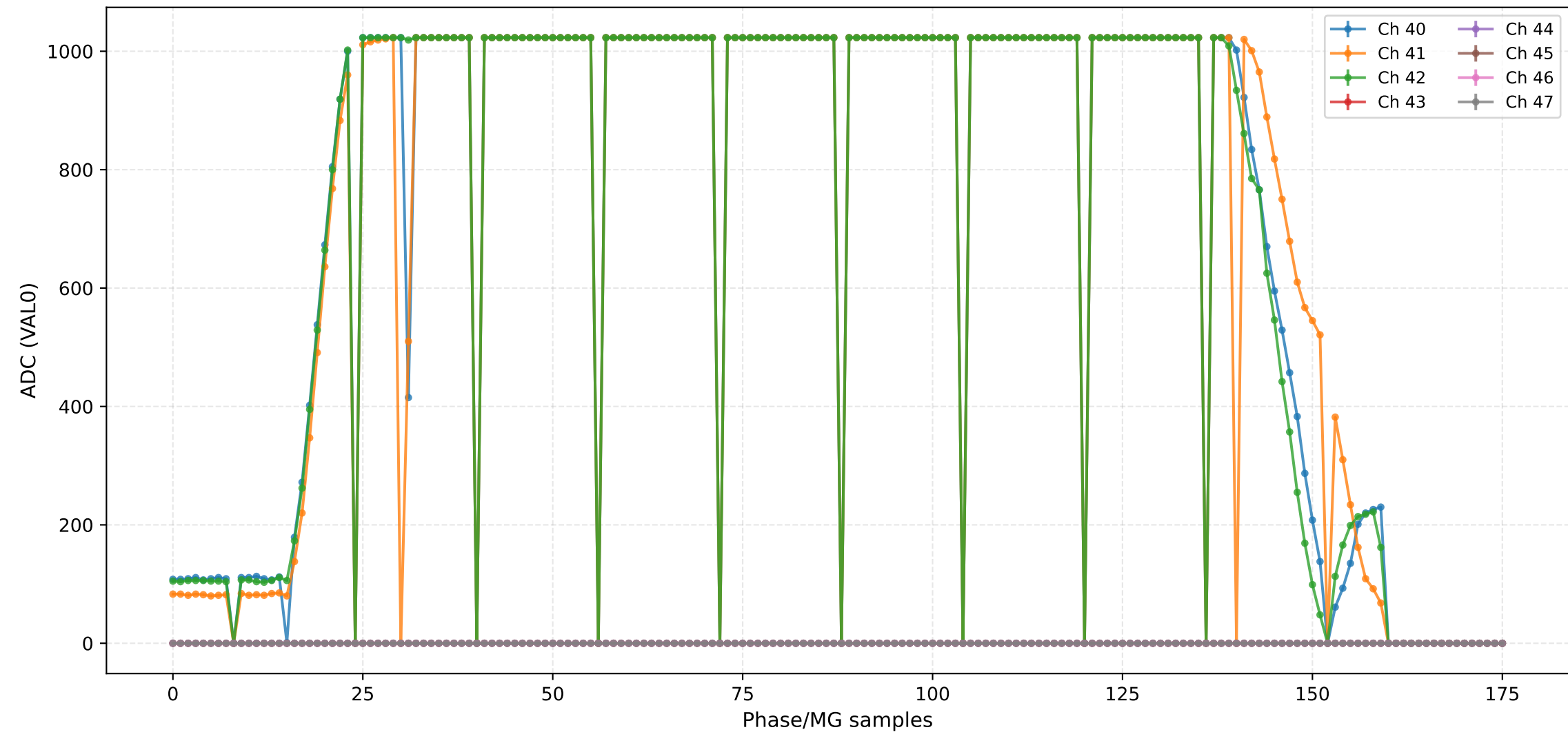
### ADC (VAL0) - Channels 24 to 31



## ADC (VAL0) - Channels 32 to 39



## ADC (VAL0) - Channels 40 to 47



## ADC (VAL0) - Channels 48 to 55



## ADC (VAL0) - Channels 56 to 63

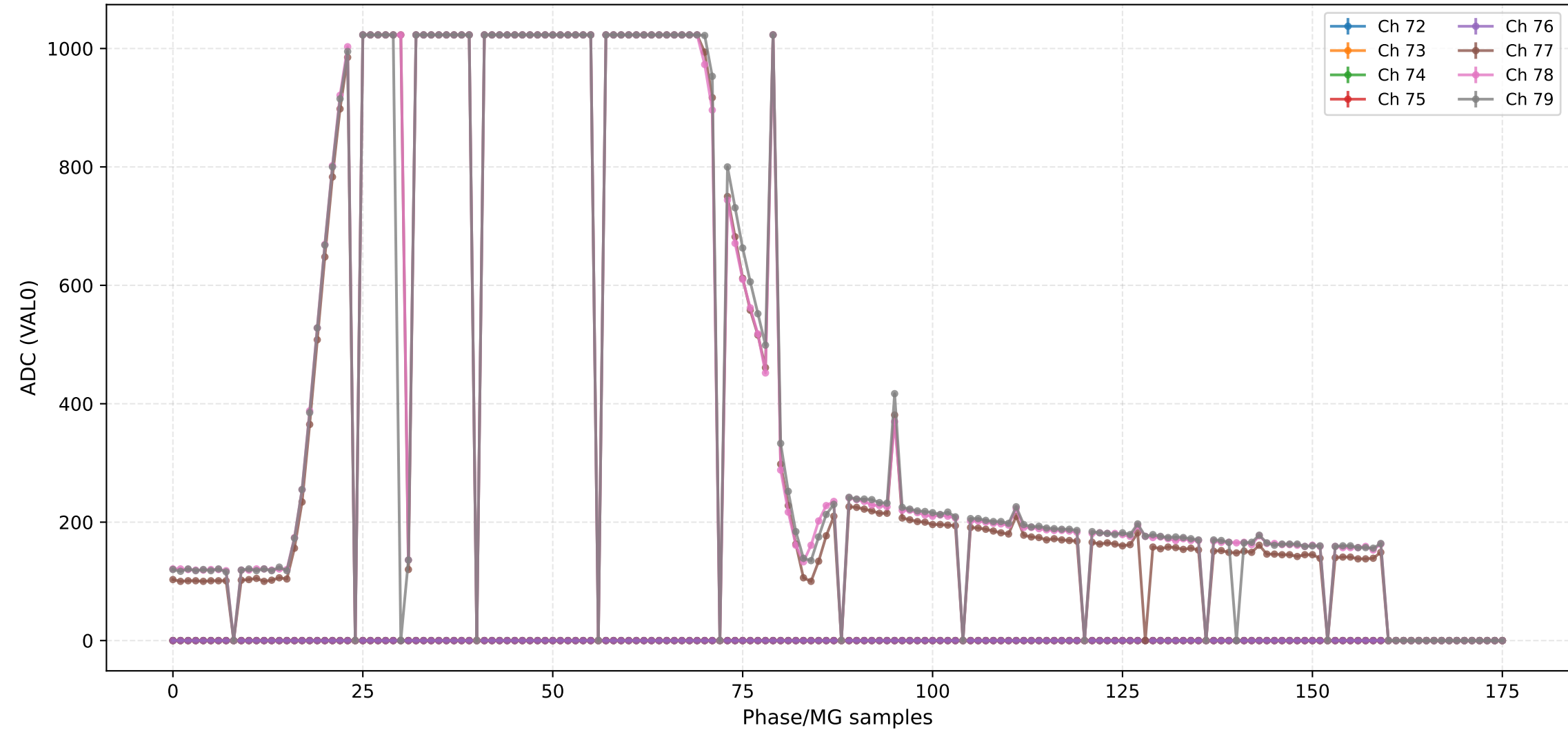




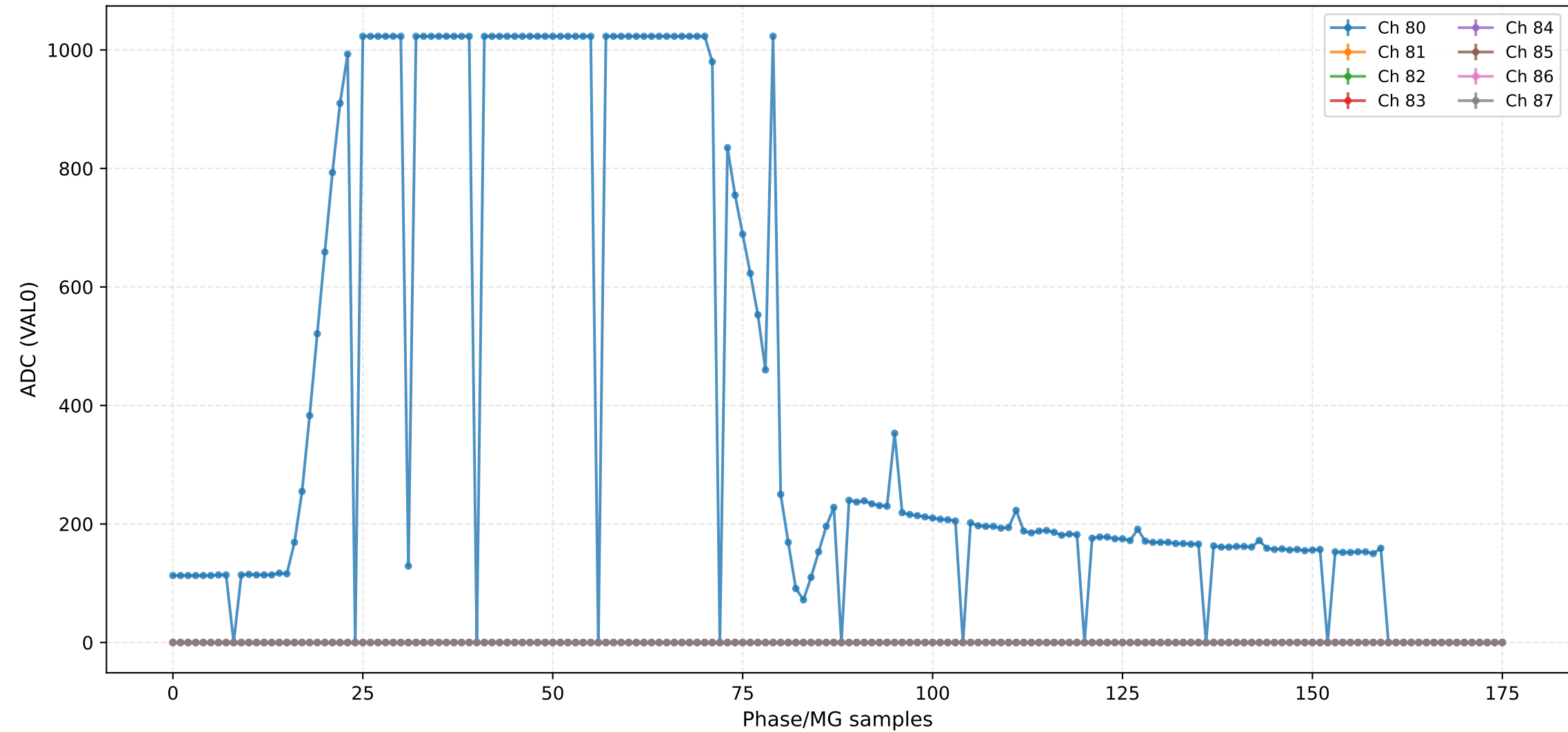
### ADC (VAL0) - Channels 64 to 71



ADC (VAL0) - Channels 72 to 79



ADC (VAL0) - Channels 80 to 87



### ADC (VAL0) - Channels 88 to 95



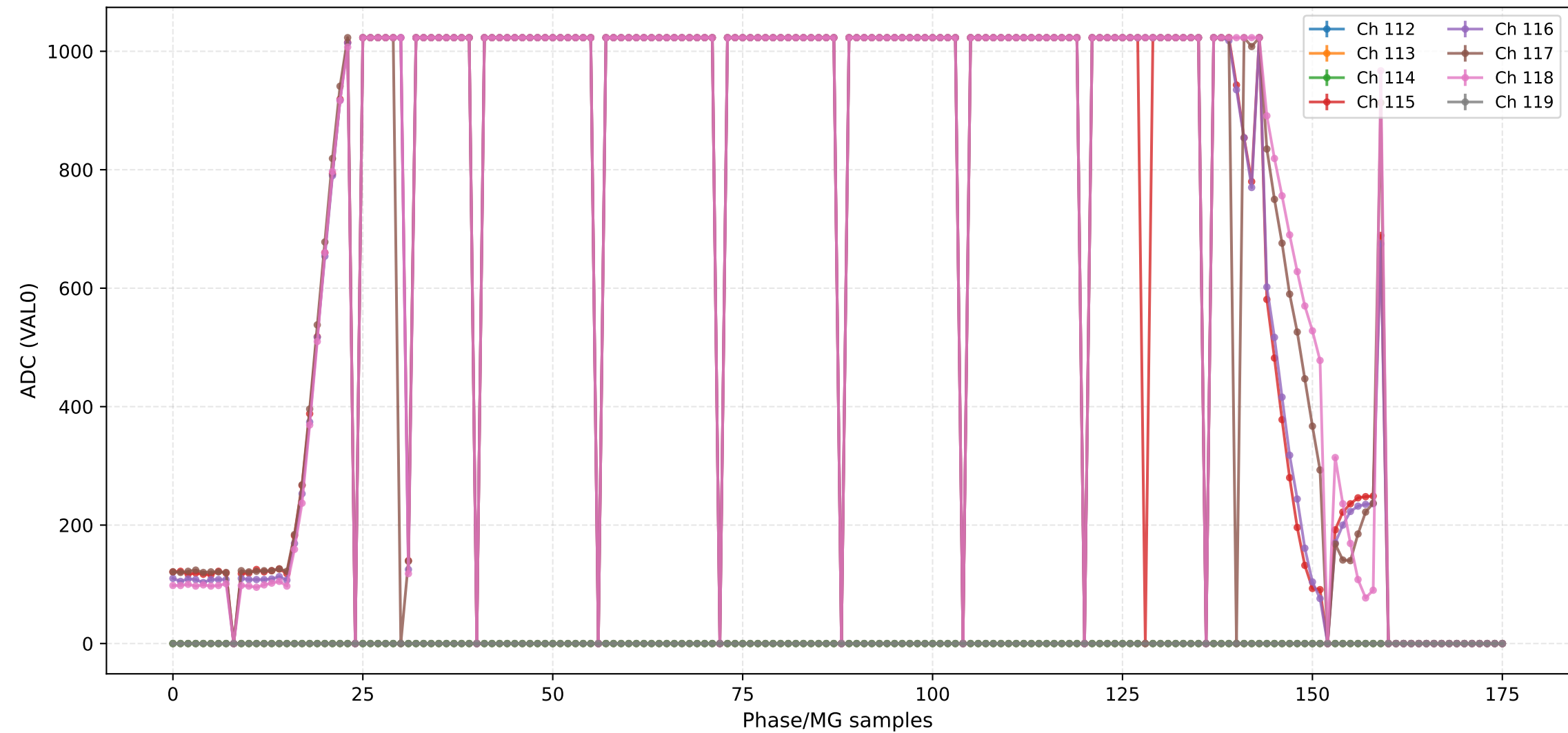
### ADC (VAL0) - Channels 96 to 103



### ADC (VAL0) - Channels 104 to 111



ADC (VAL0) - Channels 112 to 119



## ADC (VAL0) - Channels 120 to 127





### ADC (VAL0) - Channels 128 to 135



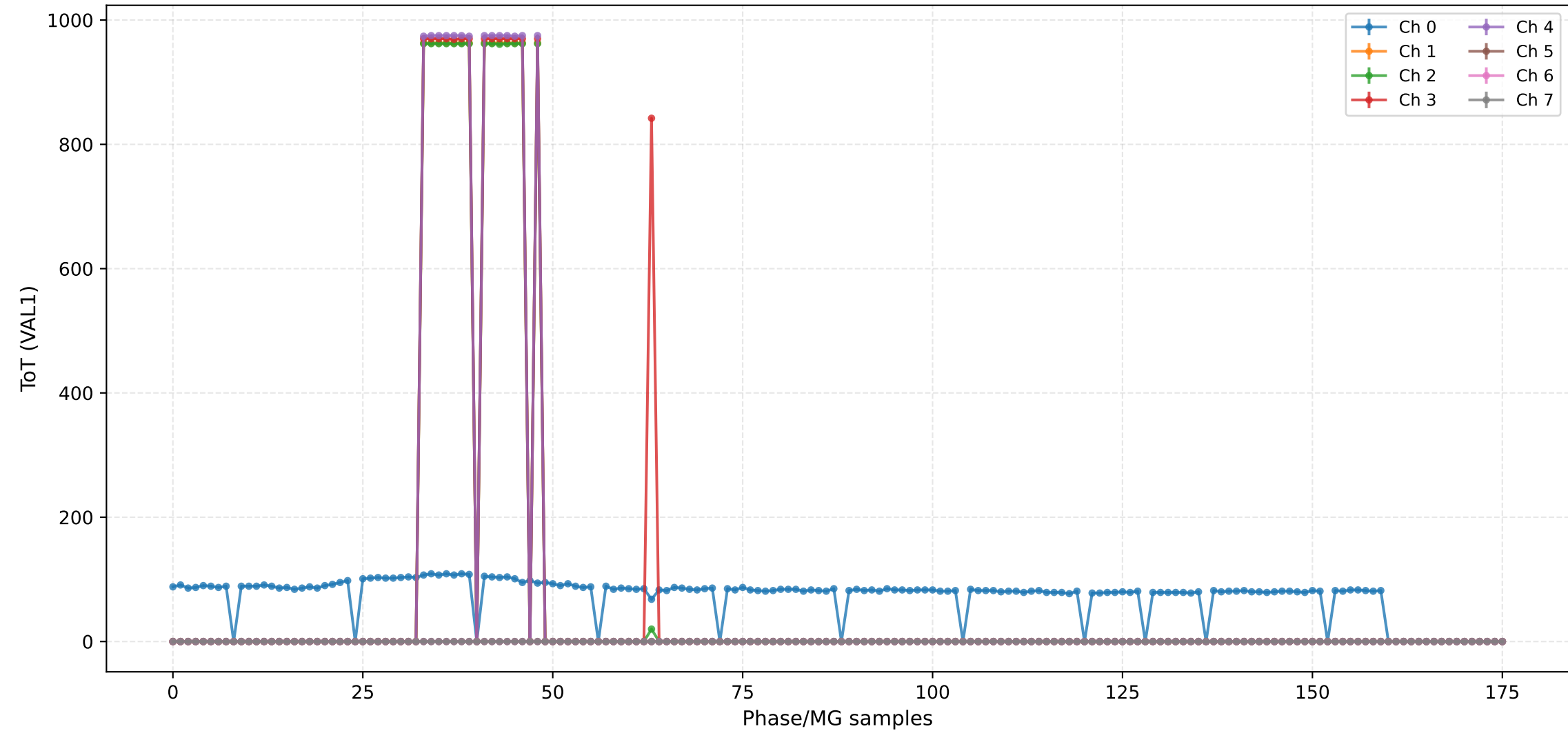
### ADC (VAL0) - Channels 136 to 143



### ADC (VAL0) - Channels 144 to 151



## ToT (VAL1) - Channels 0 to 7



## ToT (VAL1) - Channels 8 to 15



### ToT (VAL1) - Channels 16 to 23



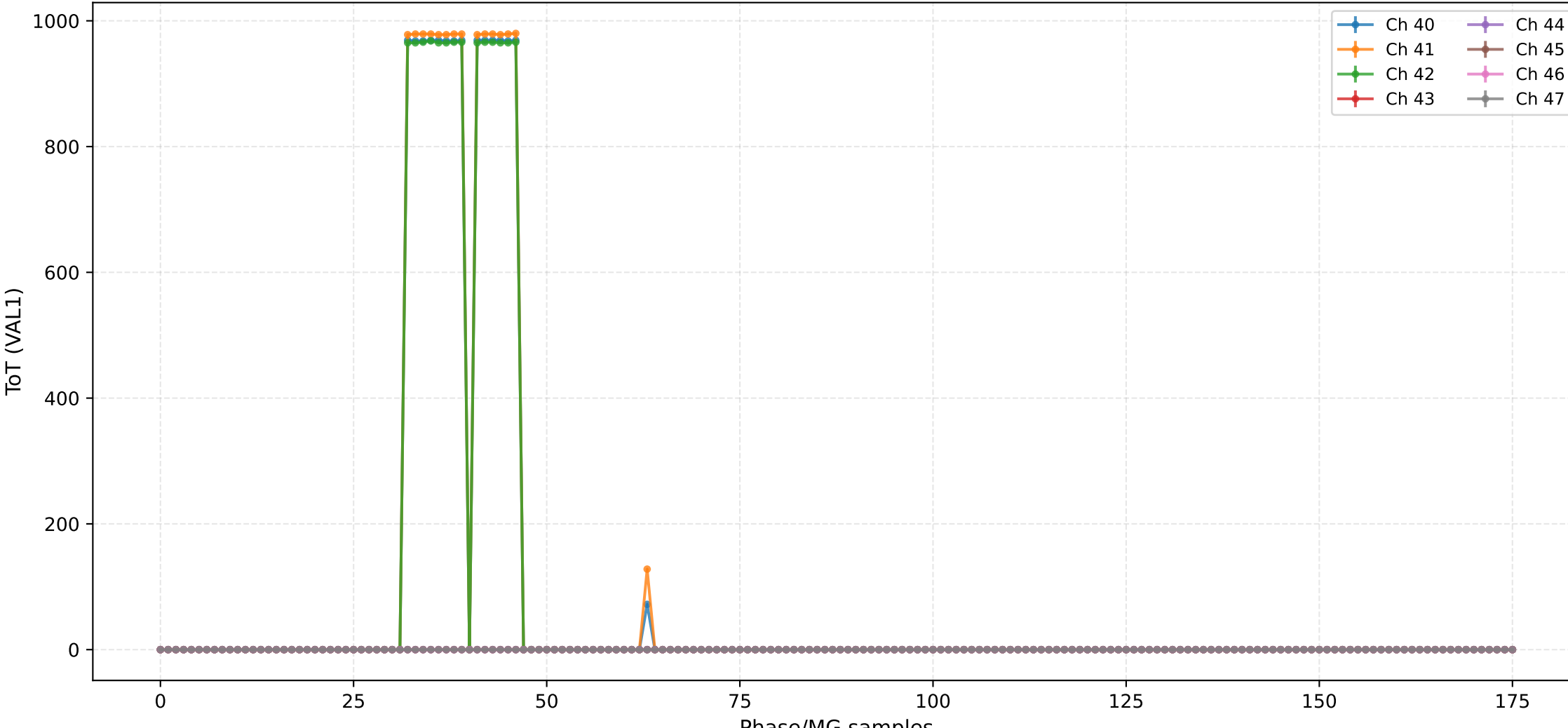
### ToT (VAL1) - Channels 24 to 31







## ToT (VAL1) - Channels 40 to 47



ToT (VAL1) - Channels 48 to 55



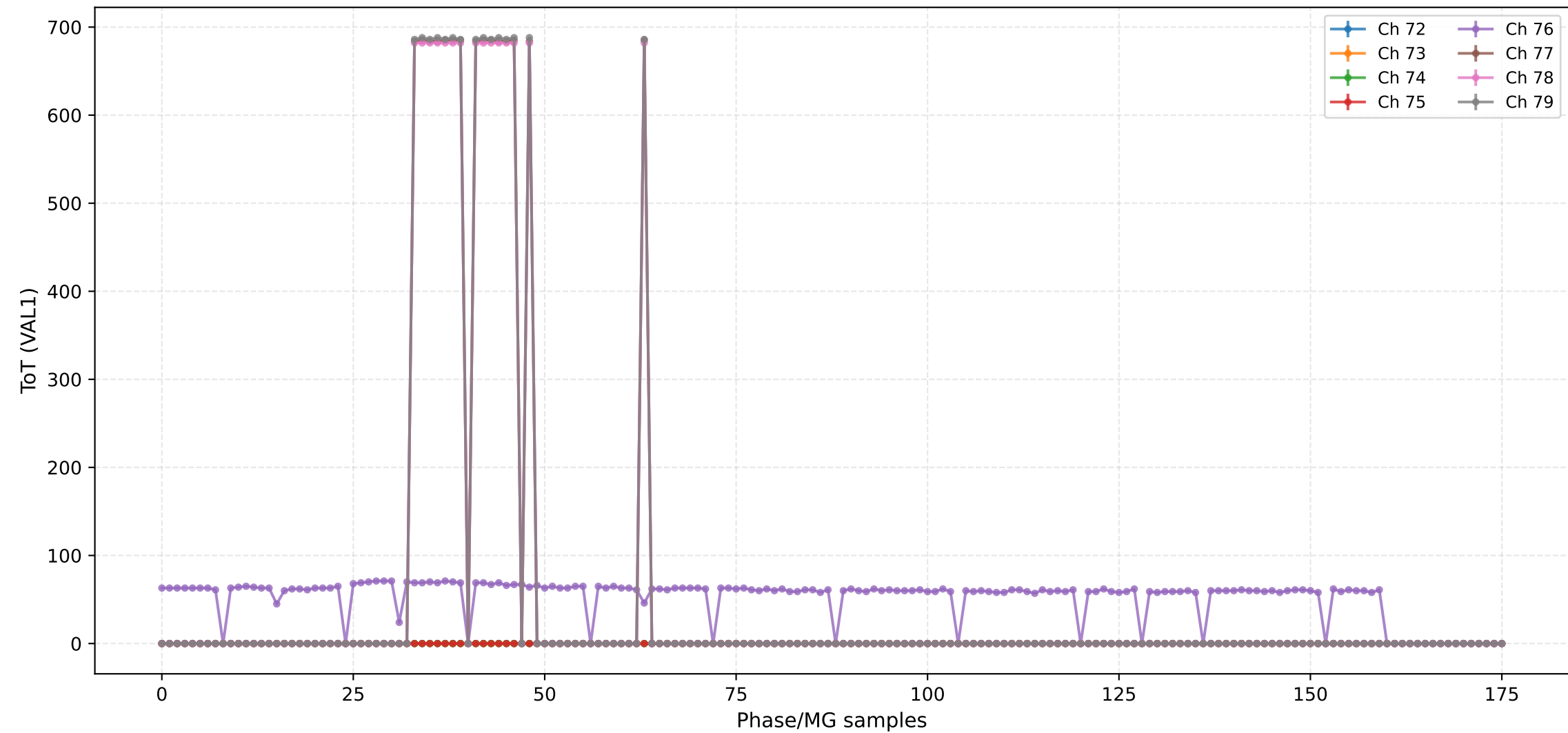
## ToT (VAL1) - Channels 56 to 63



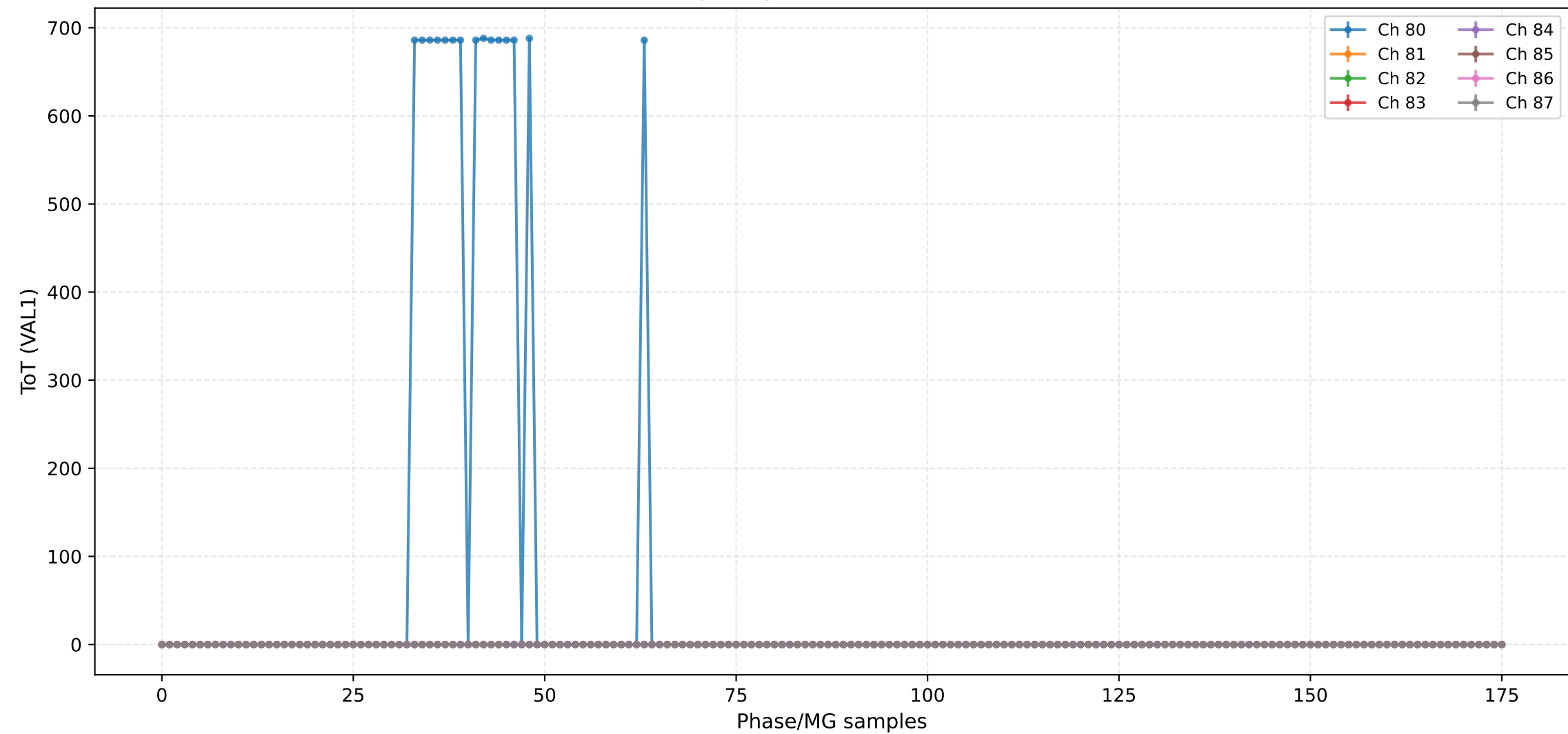
## ToT (VAL1) - Channels 64 to 71



## ToT (VAL1) - Channels 72 to 79



## ToT (VAL1) - Channels 80 to 87



ToT (VAL1) - Channels 88 to 95



## ToT (VAL1) - Channels 96 to 103

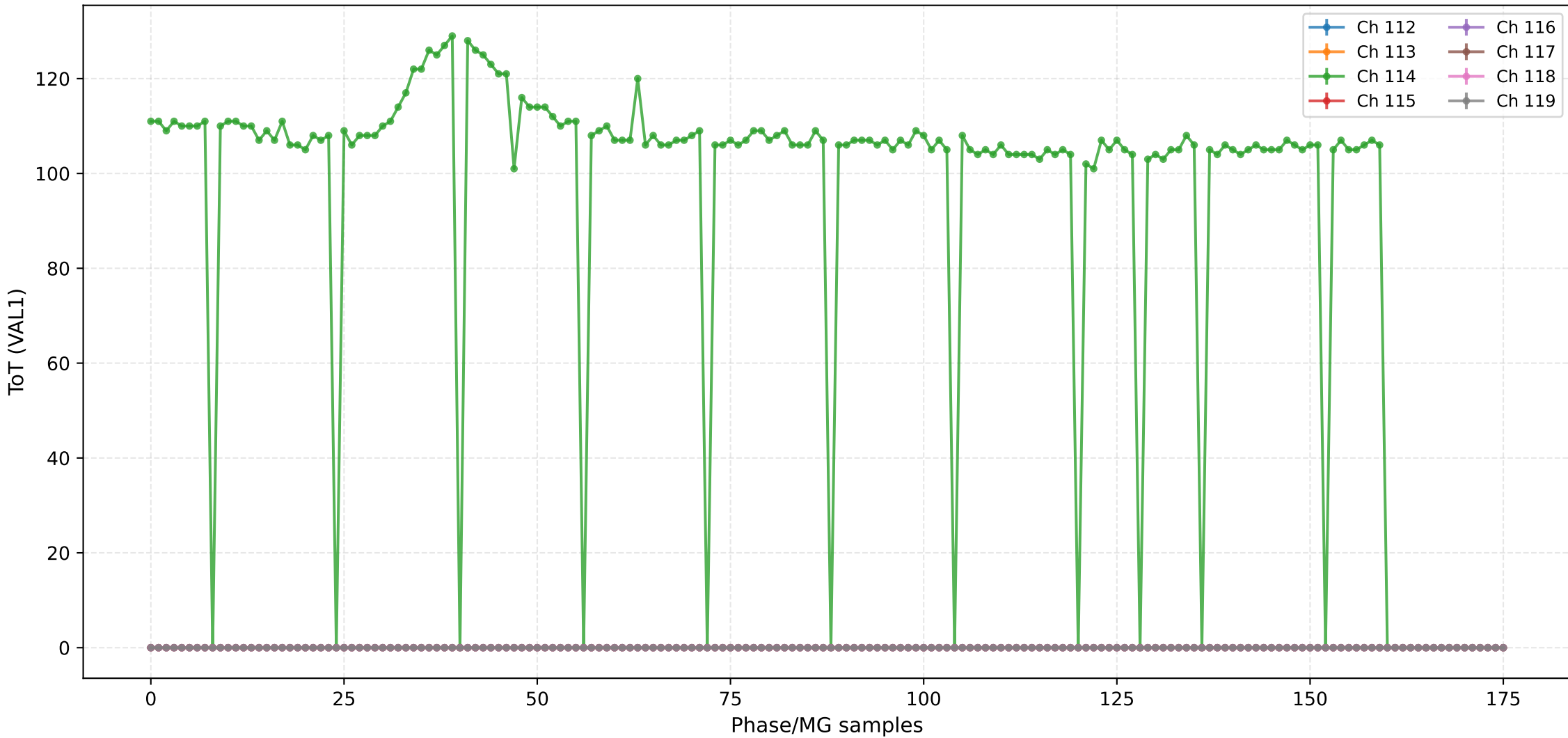




ToT (VAL1) - Channels 104 to 111



ToT (VAL1) - Channels 112 to 119



ToT (VAL1) - Channels 120 to 127



## ToT (VAL1) - Channels 128 to 135



## ToT (VAL1) - Channels 136 to 143



ToT (VAL1) - Channels 144 to 151





## ToA (VAL2) - Channels 8 to 15





## ToA (VAL2) - Channels 16 to 23

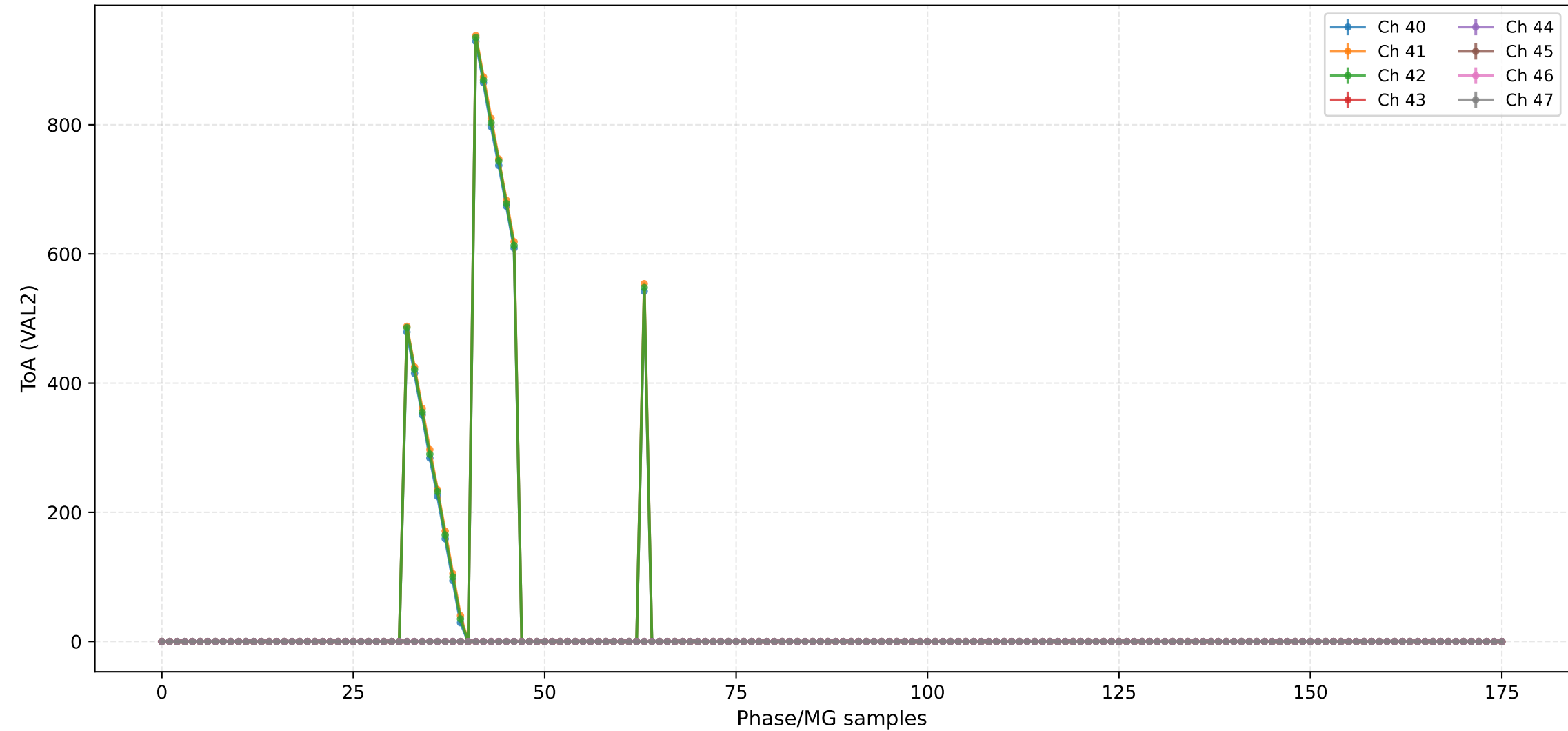


### ToA (VAL2) - Channels 24 to 31





## ToA (VAL2) - Channels 40 to 47



ToA (VAL2) - Channels 48 to 55



## ToA (VAL2) - Channels 56 to 63



ToA (VAL2) - Channels 64 to 71





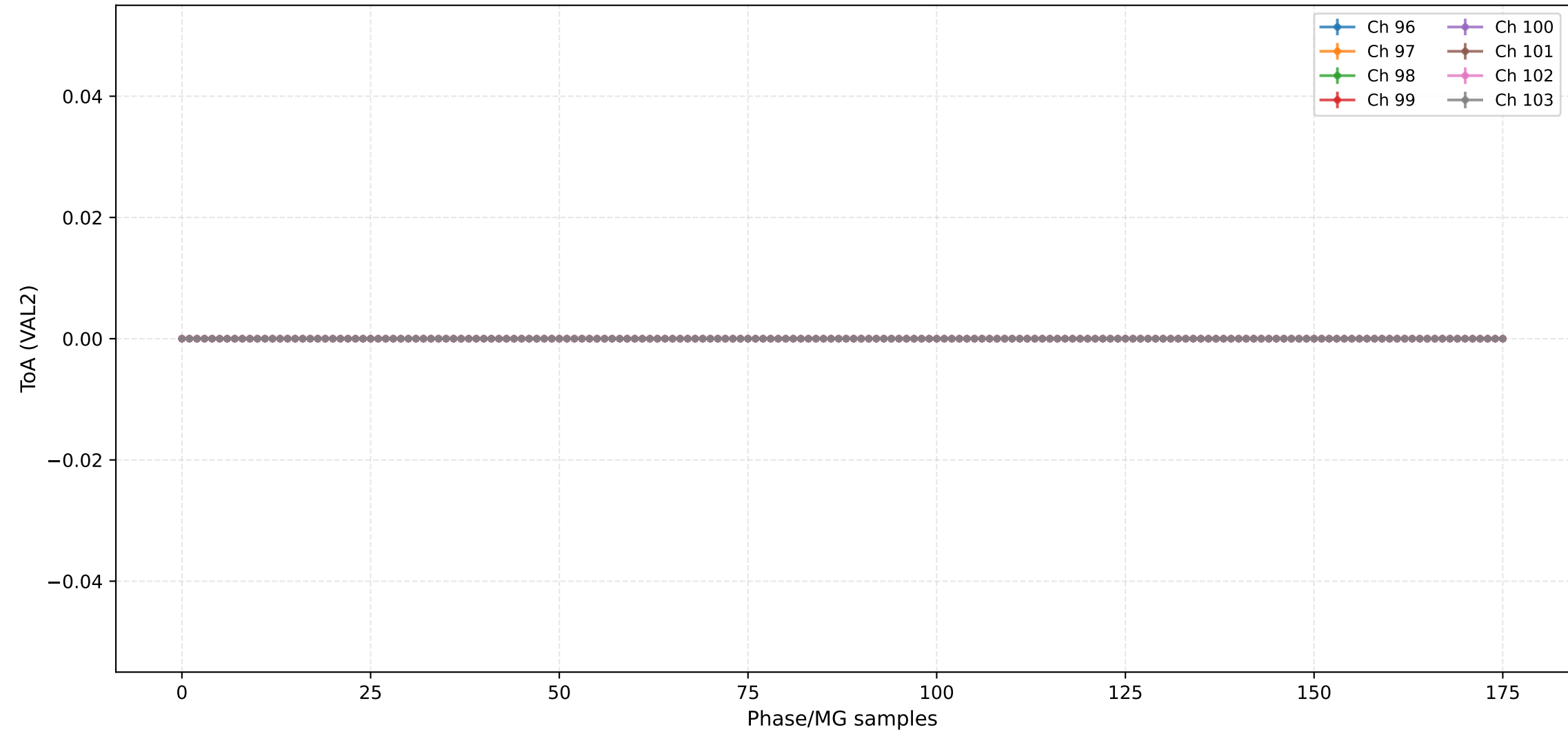




## ToA (VAL2) - Channels 88 to 95



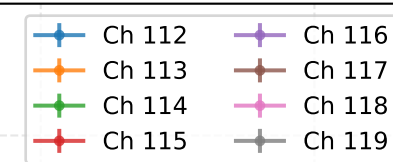
## ToA (VAL2) - Channels 96 to 103



ToA (VAL2) - Channels 104 to 111



The plot displays the time evolution of the expectation value of the Pauli matrix  $\sigma_y$  for five different channels, labeled Ch 112 through Ch 115. The x-axis represents time, ranging from 0 to 150, and the y-axis represents the expectation value, ranging from -1 to 1. All five channels show a constant value of 0 throughout the entire time range, indicating that the system remains in a state with zero expectation value for  $\sigma_y$ .



## ToA (VAL2) - Channels 120 to 127



## ToA (VAL2) - Channels 128 to 135



ToA (VAL2) - Channels 136 to 143





ToA (VAL2) - Channels 144 to 151



## Injection Scan Results

---

Script: 205\_Injection v1.0

Date: 2025-12-11 22:54:20

### Configuration:

- Total ASICs: 2
- Injection DAC: 2000
- Machine Gun: 10
- Scan Pack: 2
- Scan Channels: 10
- 2.5V Injection: True
- High Range Injection: False

### Analog Settings:

- RF: 0x-1
- CF: 0x-1
- CC: 0x-1
- CF Comp: 0x-1

### Output Files:

- 205\_Injection\_asic2\_injdac2000\_mg10\_pack2\_chn10\_val0.csv
- 205\_Injection\_asic2\_injdac2000\_mg10\_pack2\_chn10\_val1.csv
- 205\_Injection\_asic2\_injdac2000\_mg10\_pack2\_chn10\_val2.csv